AMENDMENT TO THE SPECIFICATION

Please amend paragraph [069], which starts at the bottom of page 23, as follows:

[069] The hash and route (H&R) block 335 makes all of the routing decisions for ingress packets from the high-speed receiver ports 330-332 by calculating, for each packet, an output virtual channel (OVC) which is used for internal switching on the multiprocessor device 300. The packets are then sent to either the packet manager input (PMI) 322 or to one of the transmit ports 350-352. The H&R module 335 is located in each of the three high-speed receiver ports 330-332. As a packet 301 enters the receiver port (e.g., 330), it is decoded and control information is extracted by the receiver interface or decoder 333. The H&R module 335 calculates the routing result by using this control information along with the packet data and several programmable tables in the H&R module 335. Routing information is encoded in the form of a switch or output virtual channel (OVC) which is used by the on-chip switch 310 to route packets. The OVC describes the destination module, such as the PMI 322 or transmitter ports 350-352, and either the input queue number (IQ) in the case of the PMI or the output channel in the case of the transmitter ports. When targeting the packet manager 320, the output virtual channel corresponds directly to IQs. On the output side, the packet manager 320 maps an OQ into one OVC which always corresponds to a transmitter port. In addition, multiple sources can send packets to a single destination through the switch. If packets from different sources (receivers 330, 331, 332 or PMO 324) are targeted at the same output VC of a transmitter port or the IQ of the PMI 322, the switch 310 will not interleave chunks of packets of different sources in the same VC. Both the packet data and its associated route result are stored in the receiver buffer 338 before the packet is switched to its destination. The H&R module 335 can be implemented by the structures disclosed in copending U.S. patent application entitled "Hash and Route Hardware With Parallel Routing Scheme" by L. Moll, ~~Ser. No._____, filed _____~~having a patent application number 10/684,871 and a filing date of 10/14/2003, now U.S. Patent 7,366,092, and assigned to Broadcom Corporation, which is also the assignee of the present application, and is hereby incorporated by reference in its entirety.